

## Refine Search

### Search Results -

Terms	Documents
bulleyaconinitine	0

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**Search:**

L5

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### Search History

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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<u>L5</u>	bulleyaconinitine	0	<u>L5</u>
<u>L4</u>	3-acetylaconitine	0	<u>L4</u>
<u>L3</u>	L1 same (pain or inflamm\$)	1	<u>L3</u>
<u>L2</u>	L1 and (pain or inflamm\$)	3	<u>L2</u>
<u>L1</u>	lappaconitine	13	<u>L1</u>

END OF SEARCH HISTORY

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
 NEWS 2 "Ask CAS" for self-help around the clock  
 NEWS 3 May 12 EXTEND option available in structure searching  
 NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
 NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent  
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 NEWS 6 May 27 CAlplus super roles and document types searchable in REGISTRY  
 NEWS 7 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT  
 NEWS 8 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,  
 and WATER from CSA now available on STN(R)  
 NEWS 9 Jul 12 BEILSTEIN enhanced with new display and select options,  
 resulting in a closer connection to BABS  
 NEWS 10 Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction  
 with the 228th ACS National Meeting  
 NEWS 11 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display  
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 NEWS 12 AUG 02 CAlplus and CA patent records enhanced with European and Japan  
 Patent Office Classifications  
 NEWS 13 AUG 02 STN User Update to be held August 22 in conjunction with the  
 228th ACS National Meeting  
 NEWS 14 AUG 02 The Analysis Edition of STN Express with Discover!  
 (Version 7.01 for Windows) now available  
 NEWS 15 AUG 04 Pricing for the Save Answers for SciFinder Wizard within  
 STN Express with Discover! will change September 1, 2004  
 NEWS 16 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage  
 NEWS 17 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal  
 status data from INPADOC  
 NEWS 18 SEP 01 INPADOC: New family current-awareness alert (SDI) available  
 NEWS 19 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
 STN Express with Discover!  
 NEWS 20 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX  
 NEWS 21 SEP 14 STN Patent Forum to be held October 13, 2004, in Iselin, NJ  
 NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT  
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
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 L1 71 (LAPPACONITINE OR 3-ACETYLAONITINE OR BULLEYACONITINE) (P) (PAI  
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L2 ANSWER 1 OF 23 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
 ACCESSION NUMBER: 2004-227392 [22] WPIDS  
 DOC. NO. CPI: C2004-089633  
 TITLE: New medicine for anti-cancer, anti-AIDs and giving-up  
 drug habits and its preparing and applying method.  
 DERWENT CLASS: B04  
 INVENTOR(S): HAN, S  
 PATENT ASSIGNEE(S): (HANS-I) HAN S  
 COUNTRY COUNT: 1  
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
CN 1391942	A	20030122	(200422)*		

# APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
CN 1391942	A	CN 2002-129190	20020820

PRIORITY APPLN. INFO: CN 2002-129190 20020820

AN 2004-227392 [22] WPIDS

AB CN 1391942 A UPAB: 20040331

NOVELTY - The present invention relates to a kind of compound taxol  
 preparation for treating cancer and AIDS and giving up drug habits.  
 Materials including taxol, harringtonine, Bakatine III,  
**lappaconitine**, musk, etc. are prepared through supercritical CO2  
 extraction, concentration, separation of effective components and other  
 steps into compound taxol injection, compound taxol capsule and compound  
 taxolplaster. The present invention has the functions of stopping  
**pain**, eliminating tumor and other treating effects and no toxic  
 side effect.

Dwg.0/0

administered 3 hr after i.p. reserpine (3 mg/kg). However, 120 hr after reserpine, the analgesic effect of LA or DL was restored. Concomitant administration of tryptophan or 5-HT as well as premedication of methyl dopa prevented reserpine-induced decrease of LA or DL analgesia. 5-HT (i.c.v.) enhanced the analgesia of LA and DL. LA or DL-induced analgesia was attenuated by pretreatment with CP but this attenuation was reversed by i.c.v. 5-HT. Chloroamphetamine also markedly reduced LA and DL-induced analgesia. (AS)

L2 ANSWER 16 OF 23 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
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ACCESSION NUMBER: 1988:443533 BIOSIS  
DOCUMENT NUMBER: PREV198886095631; BA86:95631  
TITLE: PHARMACOLOGICAL STUDIES OF LAPPACONITINE ANALGESIC  
ACTIVITIES.  
AUTHOR(S): ONO M [Reprint author]; SATOH T  
CORPORATE SOURCE: DEP PHARMACOL TOXICOL, TOKYO COLL PHARM, 1432-1 HORINOUCI,  
HACHIOJI, TOKYO 192-03, JPN  
SOURCE: Arzneimittel-Forschung, (1988) Vol. 38, No. 7, pp. 892-895.  
CODEN: ARZNAD. ISSN: 0004-4172.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 4 Oct 1988  
Last Updated on STN: 4 Oct 1988

AB The analgesic activity of **lappaconitine**, which is contained in the root of Aconitum sinomontanum Nakai, was examined after oral and subcutaneous administration to mice or rats by using methods for screening of analgesics, i.e., hot plate, tail immersion, tail pinch, tail pressure, acetic acid-induced writhing, bradykinin-induced flexor reflex of hind limb and Randall-Selitto methods. The results were compared with those for morphine, indometacin and acetylsalicylic acid (ASA). Analgesic activities of lappacontinine were greater than those of indometacin and ASA, but generally about 2 to 5 times less than those of morphine. However, in the rat tail immersion test, orally administered **lappaconitine** exhibited more potent analgesic activity than morphine; in this test, **lappaconitine** was almost equipotent when given orally and subcutaneously, whereas the potency of orally administered morphine was only one-twentieth of that of subcutaneously administered morphine. Like morphine, lappacontinine increased the **pain** threshold of the normal paw as well as that of the inflamed paw when tested by the Randall-Selitto method. The results show that **lappaconitine** has strong analgesic activity, and further suggest that the central nervous system may be involved in the action on the **pain** threshold.



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STN DUPLICATE 7

ACCESSION NUMBER: 1987:383589 BIOSIS  
DOCUMENT NUMBER: PREV198784070086; BA84:70086  
TITLE: ANTI-**INFLAMMATORY** AND ANALGESIC ACTIVITIES OF N  
DEACETYLLAPPACONITINE AND **LAPPACONITINE**.  
AUTHOR(S): LIU J-H [Reprint author]; ZHU Y-X; TANG X-C  
CORPORATE SOURCE: SHANGHAI INST MATERIA MEDICA, CHIN ACAD SCI, SHANGHAI  
200031  
SOURCE: Acta Pharmacologica Sinica, (1987) Vol. 8, No. 4, pp.  
301-305.  
CODEN: CYLPDN. ISSN: 0253-9756.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: CHINESE  
ENTRY DATE: Entered STN: 5 Sep 1987  
Last Updated on STN: 5 Sep 1987

AB N-deacetyllappaconitine (DLA) 1-10 mg/kg or **lappaconitine** (LA)

1-6 mg/kg inhibited several **inflammatory** processes, such as increase of capillary permeability due to ip 0.7% acetic acid 10 mg/kg in mice: ear swelling induced by xylene in mice: edema produced by injecting 1% carrageenin 0.15 ml or fresh egg white 0.1 ml beneath the planter surface of hind paw in rats and the growth of rat granuloma caused by cotton pellets, without influencing the weights of thymus and adrenal. Their anti-**inflammatory** activity was also demonstrated in adrenalectomized rats. DLA and LA neither prolonged the surviving time of adrenalectomized rats nor reduced the content of adrenal ascorbic acid in rats. These results suggest that the anti-**inflammatory** actions of DLA and LA do not depend on stimulation of the pituitary-adrenal axis. The hot plate, formaldehyde and HAC-writhing tests in mice showed that DLA and LA had a marked analgesic action, their sc median analgesic doses (ED50) were 7.1, 3.8 mg/kg and 2.3, 3.5 mg/kg in mice with formaldehyde and HAC-writhing test, respectively. DLA exhibited marked local anesthetic activity as shown by sciatic nerve block in mice, its ED50 concentration was 0.076%. DLA 15 mg/kg and LA 6 mg/kg ip showed an antipyretic effect in rats with fever induced by sc injection of 7% yeast 3 ml/kg. The ip LD50 of DLA and LA were 23.5, 10.5 mg/kg (mice) and 29.9, 9.9 mg/kg (rats), respectively.

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STN DUPLICATE 8

ACCESSION NUMBER: 1987:319988 BIOSIS  
DOCUMENT NUMBER: PREV198784039495; BA84:39495  
TITLE: STUDIES ON THE ANALGESIC ACTION AND PHYSICAL DEPENDENCE OF  
BULLEYACONITINE A.  
AUTHOR(S): TANG X-C [Reprint author]; LIU X-J; LU W-H; WANG M-D; LI  
A-L  
CORPORATE SOURCE: SHANGHAI INST MATERIA MED, CHINESE ACAD SCI, SHANGHAI  
SOURCE: Yaoxue Xuebao, (1986) Vol. 21, No. 12, pp. 886-891.  
CODEN: YHHPAL. ISSN: 0513-4870.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: CHINESE  
ENTRY DATE: Entered STN: 25 Jul 1987  
Last Updated on STN: 25 Jul 1987

AB Aconitum bulleyanum Diel is an herb which has been used as an anodyne in Yunnan province for a long time. Bulleyaconitine A (Bul), an active principle, was extracted from this herb. The analgesic action of Bul has been shown in this paper by using the following methods: mice writhing evoked by ip 0.7% acetic acid 10 ml/kg; mice hot plate (56°C); continuous **pain** stimuli elicited by sc formaldehyde in front paw(8) and rat tail-flick response to light irradiation. The relative analgesic effect of Bul was found to be 1.8 .apprx. 3.25, 15.3 .apprx. 65.5 and 1203 .apprx. 7195 times as potent as 3-**acetylaconitine**, morphine and aspirin, respectively. The duration of analgesic effect of Bul assayed with **pain** stimuli of formaldehyde in mice was longer than that of morphine. No tolerance of analgesic effect was found after daily sc of Bul 0.15 mg/kg for 9 d in mice assayed with hot plate method. In nalorphine-challenge test, no jumping response was observed in mice treated with Bul 1.2 mg/kg, the maximal tolerance dose. Rats were given sc morphine 25 mg/kg bid for 120 d, withdrawal of morphine was followed by a decrease in body weight, which was used as a parameter of abstinence syndrome, Bul sc 0.1 mg/kg did not alter the weight loss of morphine-treated rats. One male monkey developed physical dependence after sc morphine of which the daily dose was increased progressively from 2.5 to 25 mg/kg in 21 d and then maintained for 120 d. Bul 30 µg/kg sc did not suppress the withdrawal signs evoked by ip nalorphine 0.5 mg/kg. The results indicate that Bul induced no morphine-like tolerance nor physical dependence. The analgesic action of Bul was not antagonized by naloxone, but was eliminated by intraperitoneal injection of reserpine 3 mg/kg 3 h prior to Bul. The antagonistic action of reserpine to Bul could be reversed by icv 5-HT or